Castellated Cladding Installation Guide

Step 1 - Setting Up

Before starting it would be useful to read the instructions and understand how best to fix the system.
In this example we are going to clad the top level of the front elevation of this property

Starter Board
for each end of a run

Connecting Board
for use at the end of a run

Castellated Cladding Board

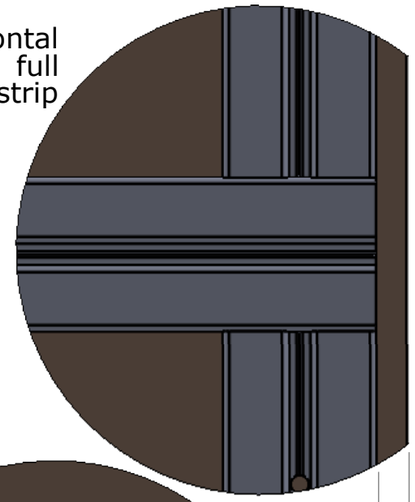
Corner Trim

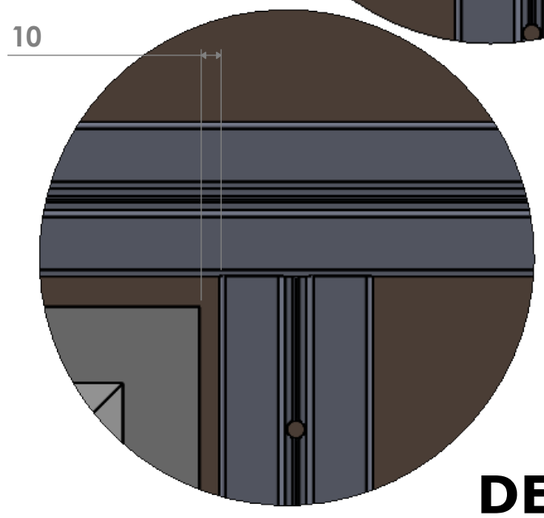
L-Shaped Trim
for finishing the tops and bottoms
of the cladding and around windows

NOTE - Horizontal battens should go full width as the starter strip will fix into them.

DETAIL F

SCALE 1 : 2





DETAIL G

SCALE 1 : 2

STEP 2 - Laying out the battens

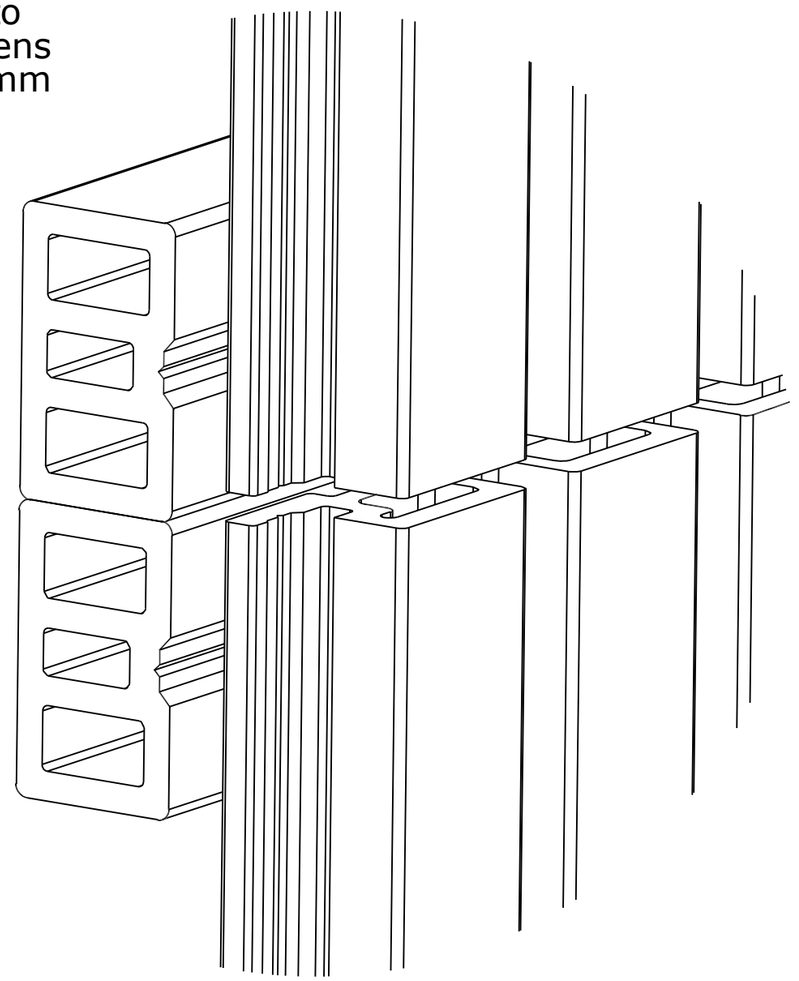
Saige is able to supply composite battens, alternatively timber battens can be used. Battens should be pre drilled at 300 centres, Dia 6mm, and should be laid out using a spirit level with a maximum gap of 500mm between them. A 5mm expansion gap should be allowed at both ends of each batten.

When fixing around a window a gap of 10mm should be left.

Suitable screws will need to be chosen to fix into the walls but should be at least Dia 4mm and fix into the wall to a depth of at least 50mm.

Note

Where cladding boards need to be joined on end, double battens should be used , allowing a 5mm expansion gap between the boards

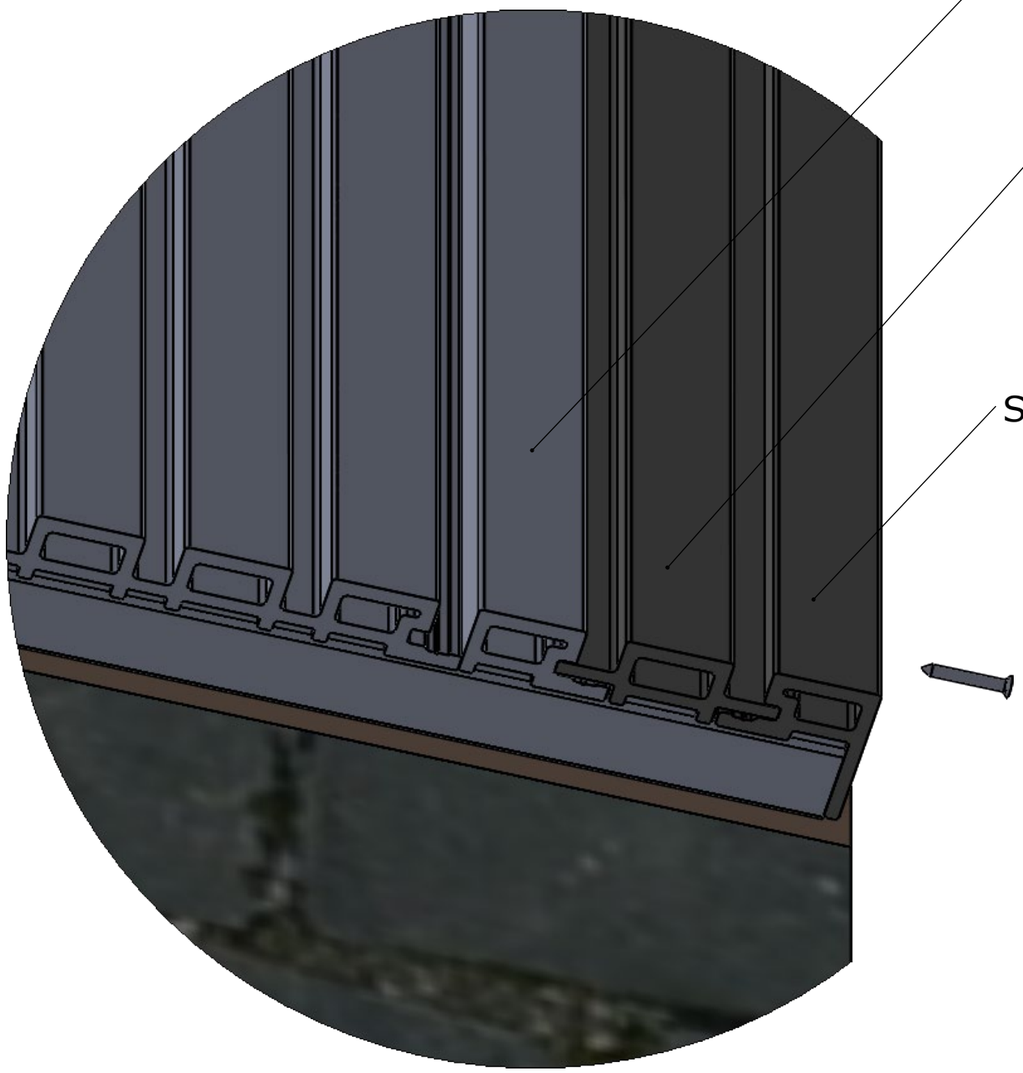


Step 3 - Fixing the starter board
Fix the starter board to one edge fixing into the centre of each horizontal batten using Dia4 x 30 screws.

Step 4 - Fixing the first board
Now fix the first board by fitting the tongue into the groove and fixing into the centre of each horizontal batten. The boards will need to be pre drilled Dia6.

Step 6 - Fixing the remaining boards

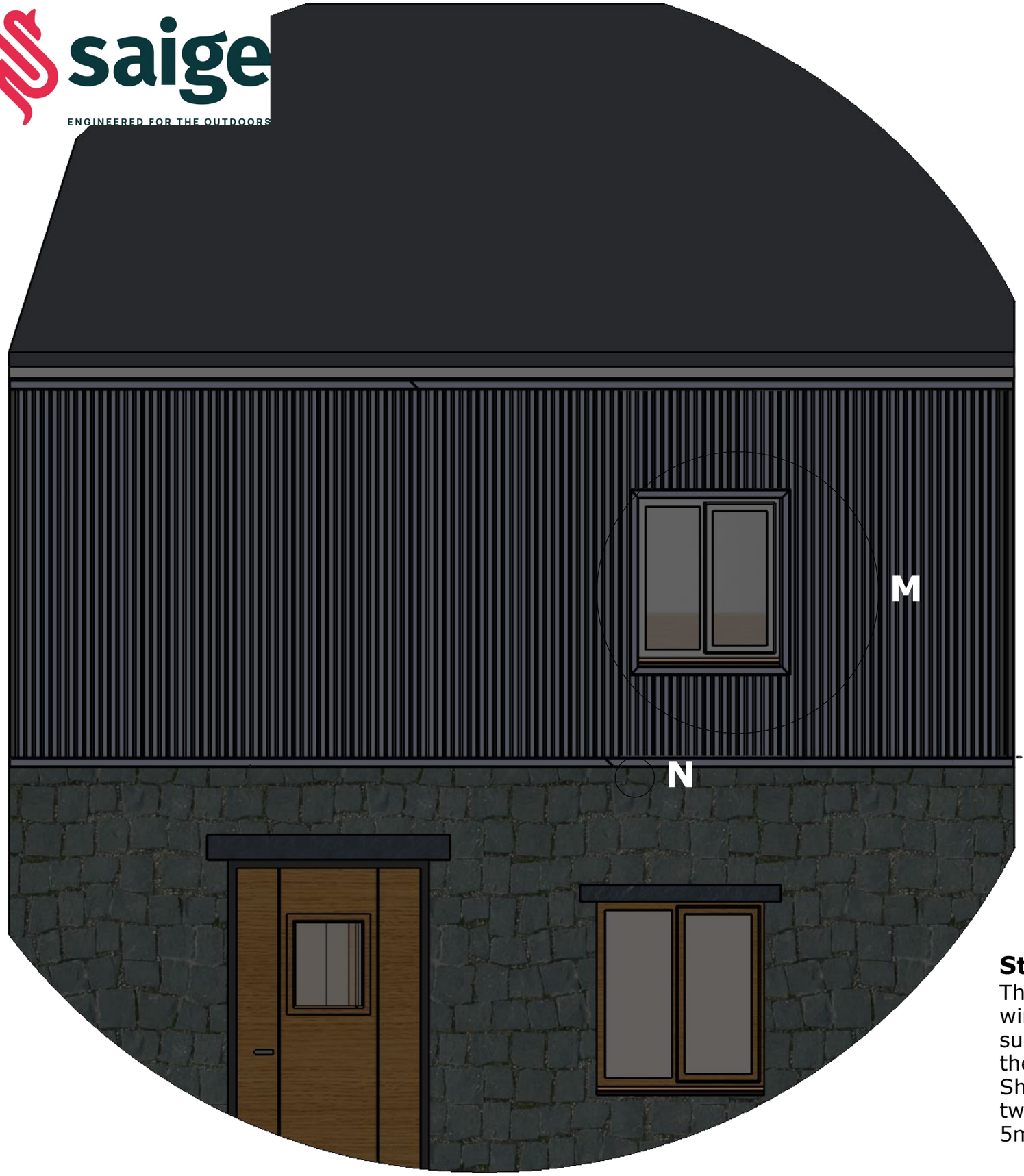
Carry on fixing the boards as before remembering to leave a 10mm gap around windows



Step 7 - Finishing the boards

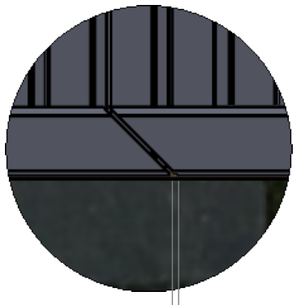
Inevitably a board will need to be cut down when coming to the end of a run.

To finish off a connecting board and a starter board will need to be used. It wont always be possible to hide the last screws. The final starting board can be fixed onto the side.



DETAIL M

SCALE 1 : 15

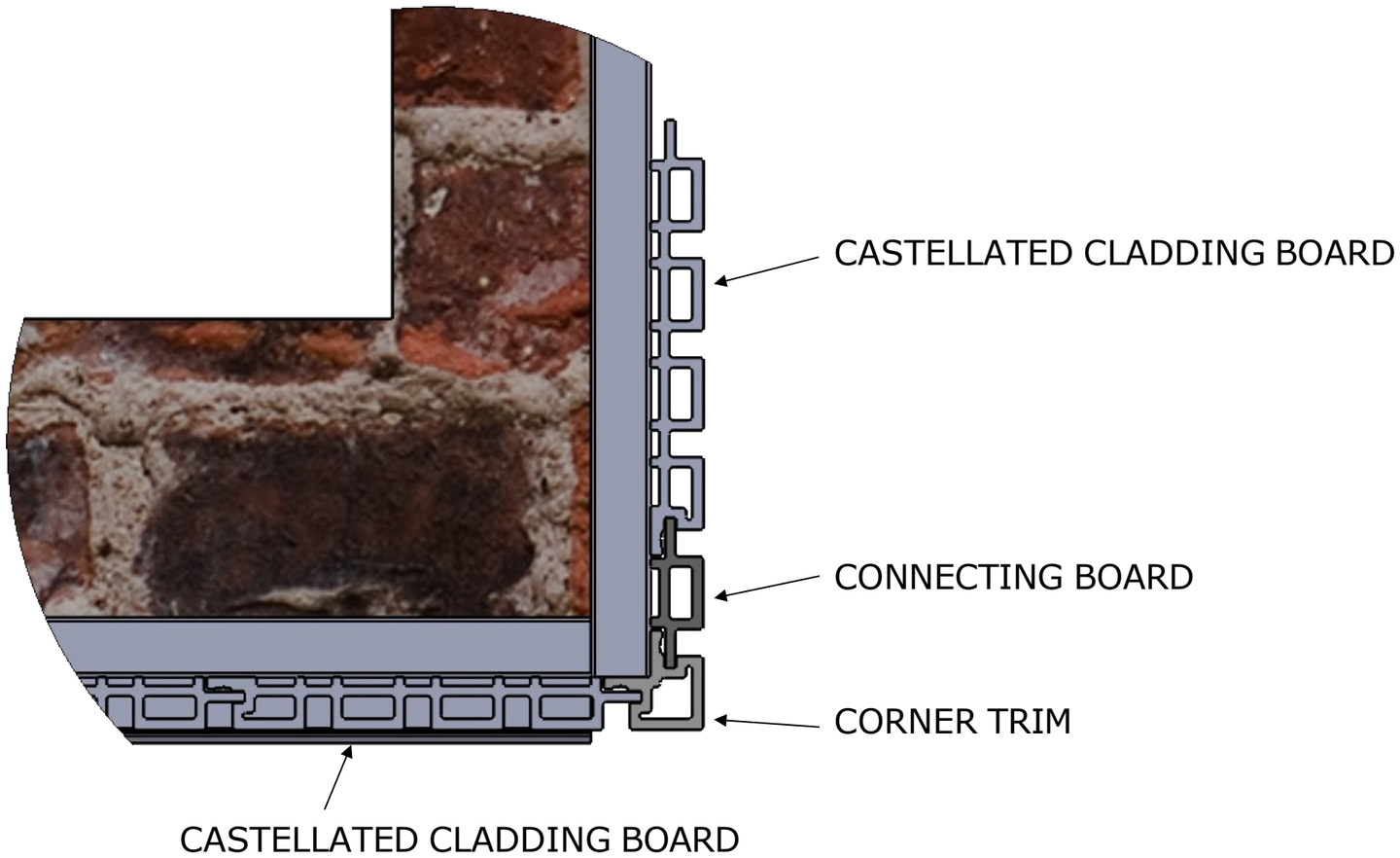


DETAIL N

SCALE 1 : 5

Step 8 - Fitting the L-Shaped trim

The L-Shaped trim should be used to finish off around any windows, mitering the corners and bonding in place using a suitable adhesive. The L-Shaped trim should also be used along the top and bottom edges. When installing into an apex the L-Shaped trim can also be used to finish off the cladding. When two L-Shaped trim boards need to be joined please leave a 5mm expansion gap as per Detail N.



Step 9 - External Corners

There are a number of ways to deal with external corners, but the above diagram shows a suggestion where the castellated corner trim is used in conjunction with a connecting board to create an external angle.

Finished!